

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits   | Search Query                               | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|---|------------------|---------|---------------------|
| L1    | 2      | "20080219441".pn.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:21 |
| L2    | 149    | 326/8.ccls.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:50 |
| L3    | 0      | 326/8.ccls. and protect<br>\$3 layer       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:50 |
| L4    | 97     | 326/8.ccls. and protect<br>\$3             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:50 |
| L5    | 0      | 326/8.ccls. and<br>protective layer        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:51 |
| L6    | 174238 | protective layer                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:51 |
| L7    | 15618  | protective layer and<br>integrated circuit | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/04<br>18:51 |

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| L8  | 265  | protective layer and integrated circuit and breach               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/04<br>18:53 |
| L9  | 140  | 8 and @ad<br>< "20040324"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/04<br>18:54 |
| L10 | 0    | (data near10 deleted )<br>and L9                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/04<br>18:56 |
| L11 | 1    | (data near10 ( erased<br>or deleted )) and L9                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/04<br>18:57 |
| S1  | 134  | 326/8.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:39 |
| S2  | 2223 | cache and encryption<br>and sensor and<br>monitor and protect\$3 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:41 |
| S3  | 0    | S1 and S2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:41 |
| S4  | 533  | cache memory and<br>encryption and sensor<br>and monitor         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:42 |

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| S5  | 0   | S1 and S4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:42 |
| S6  | 3   | 326/8.ccls. and cache<br>memory                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:42 |
| S7  | 50  | 326/8.ccls. and<br>encryption                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:42 |
| S8  | 43  | 326/8.ccls. and<br>encryption and<br>memory            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:43 |
| S9  | 7   | 326/8.ccls. and<br>encryption and<br>memory and sensor | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:43 |
| S10 | 1   | S9 and @ad<br><"20040324"                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/26<br>19:45 |
| S11 | 2   | "20030084336".pn.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>11:07 |
| S12 | 921 | 380/46.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>11:16 |

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| S13 | 533 | cache memory and encryption and sensor and monitor   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>11:16 |
| S14 | 3   | S12 and S13  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>11:16 |
| S15 | 1   | S14 and @ad<br><"20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>11:17 |
| S16 | 2   | "20040162987".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>11:19 |
| S17 | 334 | ( ic or (integrated near4 circuit)) and (cache memory) and encryption and sensor and monitor | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:47 |
| S18 | 2   | S12 and S17  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:48 |
| S19 | 0   | S18 and @ad<br><"20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:48 |
| S20 | 134 | 326/8.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:49 |

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| S21 | 0   | S20 and S17  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:49 |
| S22 | 175 | S17 and (cpu and<br>cache memory)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:50 |
| S23 | 8   | S22 and "380".clas.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:50 |
| S24 | 6   | S23 and @ad<br><"20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>12:51 |
| S25 | 327 | ( ic or (integrated<br>near4 circuit)) with<br>((cache memory) and<br>CPU) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>13:28 |
| S26 | 1   | S12 and S25  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>13:29 |
| S27 | 2   | S25 and "380".clas.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>13:30 |
| S28 | 2   | "20020040420".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>13:32 |

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| S29 | 1575 | planar near extent   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:13 |
| S30 | 8    | (planar near extent)<br>same IC  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:13 |
| S31 | 2    | S30 and @ad<br><"20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:14 |
| S32 | 26   | (planar near extent)<br>same ( ic or<br>(integrated near4<br>circuit)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:18 |
| S33 | 12   | S32 and @ad<br><"20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:18 |
| S34 | 43   | planar near extent and<br>"438".clas.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:48 |
| S35 | 33   | S34 and @ad<br><"20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:48 |
| S36 | 0    | module near6 (planar<br>near extent) same IC                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:52 |

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| S37 | 3    | module near6 (planar near extent)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/28<br>16:53 |
| S38 | 0    | (predetermined near6 parameter) near6 (limited near6 value) near6 (memory near6 delet\$3)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:26 |
| S39 | 0    | (predetermined near6 parameter) near6 (limited near6 value) near6 ((memory near6 content) near6 delet \$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:27 |
| S40 | 99   | (predetermined near6 parameter) near6 (limited near6 value)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:28 |
| S41 | 0    | (predetermined near6 parameter) near6 (limited near6 value) and 365/185.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:28 |
| S42 | 0    | 365/185.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:29 |
| S43 | 0    | (predetermined near6 parameter) near6 (limited near6 value) and (365/185.04.ccls. or 365/185.22.ccls.)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:34 |
| S44 | 2180 | (365/185.04.ccls. or 365/185.22.ccls.)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:35 |

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| S45 | 0 | (365/185.04.ccls. or 365/185.22.ccls.)and S40                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:35 |
| S46 | 0 | (predetermined near6 parameter) near6 (limited near6 value) and "365".clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:35 |
| S47 | 0 | (planar near extent) and 257/215.ccls.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:39 |
| S48 | 1 | (planar near extent) and 257/315.ccls.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:39 |
| S49 | 2 | "6181598".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:43 |
| S50 | 2 | "7012295".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:44 |
| S51 | 6 | intermesh\$2 near6 puzzle   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:47 |
| S52 | 1 | (intermesh\$2 near6 puzzle) and ( ic or (integrated near4 circuit))         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:49 |



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| S53 | 1053 | puzzle and ( ic or (integrated near4 circuit))                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:49 |
| S54 | 28   | puzzle and ( ic or (integrated near4 circuit))and "257".clas.                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:50 |
| S55 | 19   | S54 and @ad <"20040324"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>12:50 |
| S56 | 2    | ((tangled or engaged) near6 puzzle) and ( ic or (integrated near4 circuit))        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:26 |
| S57 | 0    | (puzzle near8 recogniz \$5) and ( ic or (integrated near4 circuit))and "257".clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:35 |
| S58 | 175  | (puzzle near8 recogniz \$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:36 |
| S59 | 0    | (puzzle near8 recogniz \$5)and "257".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:36 |
| S60 | 0    | (puzzle near8 recogniz \$5)and "438".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:36 |

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| S61 | 0   | (elongated near6 electr \$4) and (surface near6 die) and 257/315.ccls.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:49 |
| S62 | 134 | (elongated near6 electr \$4) and (surface near6 die) and "257".clas.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:50 |
| S63 | 0   | (elongated near6 electr \$4) and (surface near6 die) and "257".clas.<br>and (parallel near6 track\$1) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:52 |
| S64 | 15  | (elongated near6 electr \$4) and (surface near6 die) and "257".clas.<br>and track\$1                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:52 |
| S65 | 4   | S64 and @ad<br><"20040324"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>13:53 |
| S66 | 27  | ((data or store\$1 )<br>near6 encrypted)<br>near6 (second or<br>third) and "365".clas.                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>14:10 |
| S67 | 10  | S66 and @ad<br><"20040324"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>14:10 |
| S68 | 51  | "real-time clock" and<br>"257".clas.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>14:46 |

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| S69 | 41 | S68 and @ad<br>< "20040324"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>14:46 |
| S70 | 63 | ("ASPERGER, KARL" or<br>"KIEMES, JOCHEN" or<br>"LANGE, ROLAND" or<br>"LINDINGER,<br>ANDREAS" or<br>"ROMBACH,<br>GERHARD") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/29<br>19:29 |

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